



## WP2.1: Summary of Course Development

- 1. Master of Maritime Operations and Management Program Existing Course: Marine and Coastal Environment
- Bachelor of Maritime Operations Program Existing Course: Oceanography
- Bachelor of Maritime Operations Program
  Existing Course: Integrated Marine Pollution Control
- Bachelor of Maritime Operations Program Existing Course: Law of the Sea and Ship Operation
- Bachelor of Maritime Operations Program New Course: Maritime and Offshore Safety Analysis

No	Course Name	Date of approval	Approved by	Accreditation status
1	Marine and Coastal	Pending	Postgraduate Studies	Approved (MQA)
	Environment		Section	
2	Oceanography	Pending	Maritime Management	Approved (MQA)
			Section	
3	Integrated Marine	Pending	Maritime Management	Approved (MQA)
	Pollution Control		Section	
4	Law of the Sea and Ship	Pending	Maritime Management	Approved (MQA)
	Operation		Section	
5	Maritime and Offshore	Pending	Maritime Management	Approved (MQA)
	Safety Analysis		Section	

Course Propose	Marine and Coastal Environment	Oceanography	Integrated Marine Pollution Control	Law of the Sea and Ship Operation	Maritime and Offshore Safety Analysis
Course status	Revised	Revised	Revised	Revised	New
The title of the	Master of	Bachelor of	Bachelor of	Bachelor of	Bachelor of
academic	Maritime	Maritime	Maritime	Maritime	Maritime
program	Operations and	Operations	Operations (Hons.)	Operations	Operations
involved	Management	(Hons.)		(Hons.)	(Hons.)
Number of	3 credit (5	3 credit (5	3 credit (5 ECTS)	3 credit (5	3 credit (5
Credits	ECTS)	ECTS)		ECTS)	ECTS)
MARE Topic	1-Coastal	1-Coastal	3-Area-based	6-marine	6-marine



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	science and	science and	management & 6-	pollution control	pollution control
	management	management	marine pollution	and	and
			control and	management	management
			management		
Contents	Course content:	Course content:	Course content:	Course content:	Course content
updated	1.Marine and	1.Introduction to	1.Introduction to	1.Introduction to	1.Safety and
	coastal	oceanography	pollution	merchant	economy
	environement	2.Plate tectonics	2.Marine pollution	shipping	2.Maritime risk
	2.The ocean and	and the ocean	3. Exampes oil spill	ordinance (MSO)	picture
	the atmosphere	floor	cases/incidents	2.Application for	3. Offshore
	3.Coastal	3.Marine	4.Oil spill	registration of	safety and
	environment	provinces	containment and	ships	survival
	4.Seafloor	4.Marine	cleaning-up	3.Domestic	4.Rules and
	features	sediments	methods	shipping license	regulation
	5.Ocean	5.Properties of	5.The	4.Masters ad	5.Risk analysis
	chemistry	sea water	implementation of	seamen	techniques
	6.Ocean physics	6.Air-sea	internation marine	5.International	6. Cost benefit
	7.Ocean	interaction	environment and	safety	analysis (CBA)
	circulation and	7.Ocean	pollution	management	7.Formal safety
	waves	circulation	conventions	code (ISM Code)	assessment
	8. Tides and the	8.Waves	6. National	6.International	(FSA)
	coastal	9.Tides and tidal	contingency plan	security port	8.Accident
	environment	streams	(NCP)	facilities and	analysis
		10.Beaches and	7.Global	ships (ISPS)	9. Emergency
		shoreline	instruments in	code	preparedness
		processes	marine pollution	7. International	
				convention on	
				standard,	
				training,	
				certification and	
				watchkeeping	
				1978 (STCW'78)	
				8.Baselines and	
				maritime zones	
				9.International	
				water and	
				territorial sea	
				10.Archipelagic	
				state and	
				archipelagic	
				water	
				11.Executive	
	1	1		economic zone	



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				(EEZ) &		
				continental shelf		
				12.Settlemeny of		
				disputes		
Date of approval	Pending curriculum review					
Final	Postgraduate Maritime Management Section					
Accreditation	Studies Section					
body						
Estimated	July 2021	September 2021	September 2021	September 2021	Jan 2022	
starting date						
Number of	10	30	30	30	Not yet offer (10)	
student to be						
accepted in the						
first year						
Number of	Estimated 10	Estimated 40	Estimated 40	Estimated 40	Estimated 10	
student to be						
accepted in the						
second year						
Teaching staff	AP.Ts.Dr. Mohd	Norazlina Abdul	Rasidah Shafiee	AP.Ts.Dr.	Not yet identify	
reaching stan	Yuzri Mohd	Nasir	Azila Ayub	Aminuddin Md	Not yet identify	
	Yusop	AP.Ts.Dr.	Muhammad Kasffi	Arof		
	AP.Ts.Dr.	Aminuddin Md	Ramli	Ts. Amayrol		
	Aminuddin Md	Arof	Rami	Zakaria		
	Arof	Ts. Amayrol		Zakalla		
	Norazlina Abdul	Zakaria				
		Zakana				
<del></del>	Nasir					
Teaching						
methods						
Learning	Online lectures	Online lectures	Lecture, tutorial,	Online lectures	Online lectures	
methods	and	and	case study,	and	and	
	presentation,	presentation,	presentation,	presentation,	presentation,	
	moderated in-	moderated in-	independent	moderated in-	moderated in-	
	class discussion,	class discussion,	learning, interview,	class discussion,	class discussion,	
	group work,	group	survey, field trip,	group work, case	problem based	
	case study,	assignment,	work group, project	study	learning,	
	literature review	individual	based		individual/group	
		laboratory work			assignment	
Change in	Video lecture,	Video lecture,	Video lecture,	Video lecture,	Video lecture,	
	lecture	lecture	lecture	lecture	lecture	
course materials			1		notoo/olidoo	
course materials	notes/slides,	notes/slides,	notes/slides, online	notes/slides,	notes/slides,	
course materials		notes/slides, demonstration,	notes/slides, online resources	notes/slides, online resources	online resources	
course materials	notes/slides,					



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methods	individual	test, group	test, assignment,	test, group	test, group
	assignment,	assignment,	mini	assignment,	assignment,
	group	individual	project/presentation	individual	individual
	assignment, final	assignment		assignment, final	assignment, final
	exam			examination	examination
Any innovation?	Online interactive learning and assessment				

